



SERVICE MANUAL DOCUMENTATION TECHNIQUE TECHNISCHE DOKUMENTATION DOCUMENTAZIONE TECNICA DOCUMENTACION TECNICA

**THOMSON AM 1250
AM 1255**

Version (PC*): A

*PC: The version code is indicated either in the battery compartment or on the back of the unit - ce code version est indiqué dans le compartiment à piles ou sur dos de l'appareil - PC: Version des Geräts wird im Batteriefach oder auf der Rückseite angegeben - Il codice della versione è indicato nello scompartimento delle batterie o sul retro dell'apparecchio - el código de la versión está indicado en el compartimiento de las pilas o en la parte trasera del aparato.



Technical data - Caractéristiques principales Technische Daten - Dati tecnici - Características del aparato

Type of set : Type d'appareil : Geräteart : Tipo d'apparecchio : Tipo de aparato :	Cassette radio recorder / compact disc Combiné radio cassette / CD CD-Radio Cassetten Portable Insieme radio cassette / CD Radio cassette / CD	140 mm 230 mm 210 mm 3,5 kg
Power supply : Alimentation : Stromversorgung : Alimentazione : Alimentación :	230 V ~	Nominal output power : Puissance nominale de sortie : Nennausgangsleistung : potenza nominale di uscita : Potencia nominal de salida :
FM - MF : MW - PO : LW - GO :	87,5 - 108 MHz 520 - 1620 kHz 150 - 283 kHz	2 x 12 W (Rms) 2 x 30 W (Music.)
Frequency response : Courbe de réponse : Frequenzgang : Curva di risposta : Curva de respuesta :	125 Hz - 6,3 kHz (+3/-5 dB)	Sensitivity : Sensibilité : FM - MF : 20 µV (S/N = 30 dB) Empfindlichkeit : MW - PO : 2000 µV/m (S/N = 20 dB) Sensibilità : LW - GO : 4000 µV/m (S/N = 20 dB) Sensibilidad :
Wow and flutter : Fluctuations : Gleichlauf : Fluttuazioni : Fluctuaciones :	0,35 %	Signal to noise ratio : Rapport signal / bruit : Geräuschspannungsabstand : Rapporto segnale / disturbo : Relación señal / ruido : 4,75 cm/s C60 : 170 s
DAD	Disc rotation speed : Vitesse de rotation du disque : CD-Drehgeschwindigkeit : 200 → 500 tr/m Velocità di rotazione del disco : Velocidad de rotación del disco :	Frequency response : Courbe de réponse : Frequenzgang : Curva di risposta : Curva de respuesta : 20 Hz - 20kHz (±2 dB)
	Dynamic range : Gamme dynamique : Dynamikumfang : Dinamica : Dinámica :	Signal to noise ratio : Rapport signal / bruit : Geräuschspannungsabstand : Rapporto segnale / disturbo : Relación señal / ruido : 54 dB



WARNING : Before servicing this chassis read the safety recommendations.

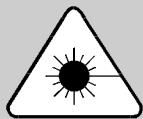
ATTENTION : Avant toute intervention sur ce châssis, lire les recommandations de sécurité.

ACHTUNG : Vor jedem Eingriff auf diesem Chassis, die Sicherheitsvorschriften lesen.

ATTENZIONE : Prima di intervenire sullo chassis, leggere le norme di sicurezza.

IMPORTANTE : Antes de cualquier intervención, leer las recomendaciones de seguridad.

Code : 351 548 30 - 05/01 / 4,2M - CRKD1291 Print.



CLASS 1 LASER PRODUCT
APPAREIL A LASER DE CLASSE 1
LASER KLASSE 1
APPARECCHIO CON LASER DI CLASSE 1
APARATO CON LASER DE CLASE 1

DANGER :

Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

ATTENTION :

Le rayon laser est invisible. Eviter l'exposition directe lors de la maintenance.

VORSICHT BEI REPARATUREN :

Bei geöffneter Schublade und Defekt der Sicherheitsvorrichtungen besteht die Gefahr unsichtbaren Laserlichts. Niemals direkt in den Laserstrahl sehen.

ATTENZIONE :

Il raggio laser è invisible. Evitare l'esposizione diretta durante la manutenzione.

IMPORTANTE :

El rayo laser es invisible. Evitar la exposición directa en el momento del mantenimiento.

DIGITAL PROCESSING SCHEMATIC DIAGRAM - SCHEMA DU TRAITEMENT DIGITAL - SCHALTBILD DIGITALVERARBEITUNG - SCHEMA ELABORAZIONE DIGITALE - ESQUEMA DEL TRATAMIENTO DIGITAL

The complete Digital Processing Module is available from A.S.S. under Part Number :

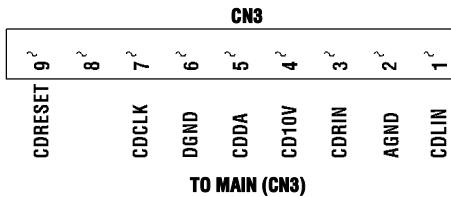
En SAV, l'ensemble du module traitement digital est géré sous le code :

Die Service Bestell-Nr. für das Modul "Digital Processing kompl." ist :

Il codice del modulo completo di elaborazione digitale è :

En postventa, el modulo completo tratamiento digital lleva el código :

106 389 60

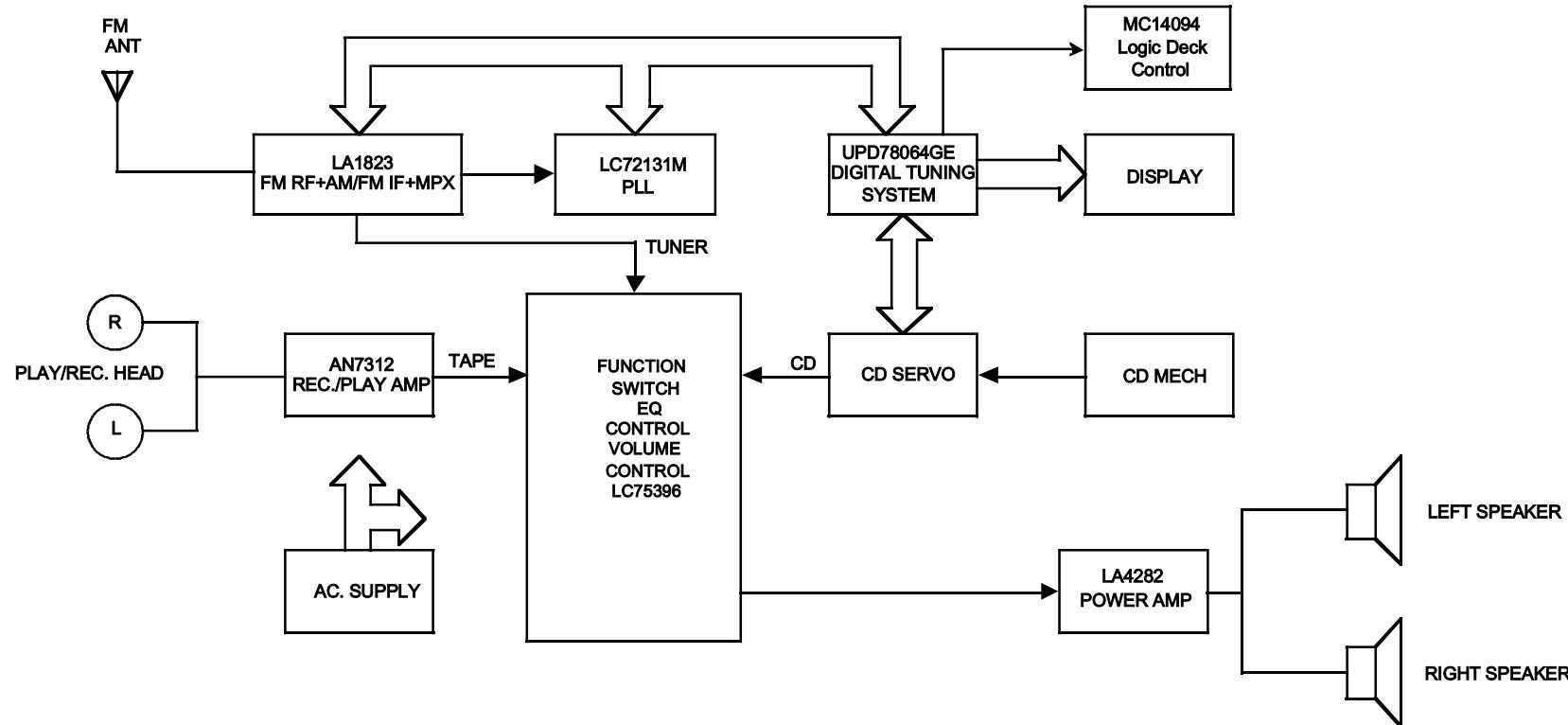


ADJUSTMENTS - REGLAGES - EINSTELLUNGEN - REGOLAZIONI - AJUSTES

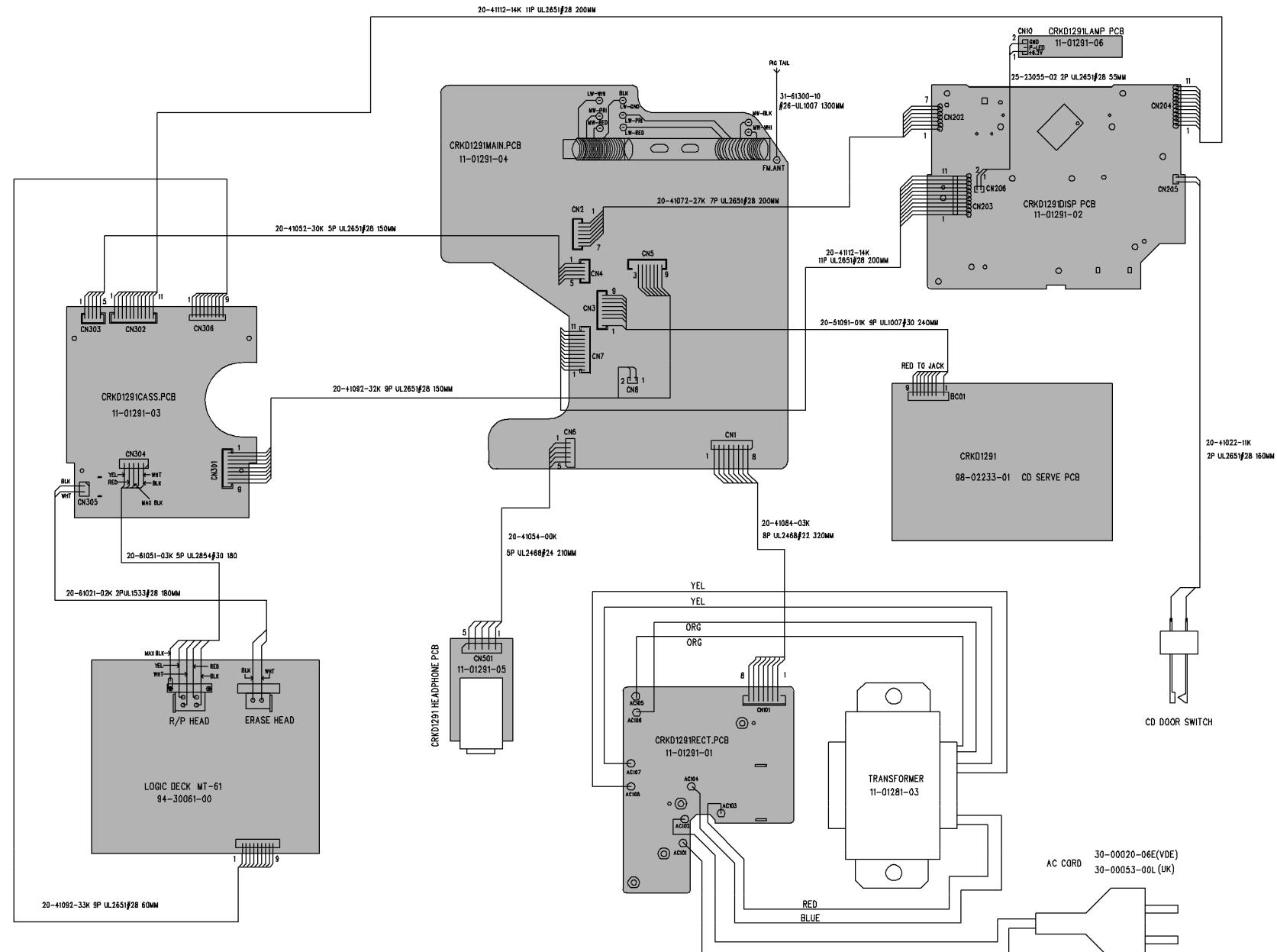
AM alignment						
MW	1			450 kHz	T4	Adjust for maximum output
	2			522 kHz	T2	Vt = 1,1 V
	3			1620 kHz	T2	Vt = 7,2 V
LW	1			150 kHz	T1	1.1 V
	2			283 kHz		5.9 V

FM alignment						
FM	1			87.5 MHz	L11	Vt = 2,2V
	2			108 MHz		Vt = 7,2 V
	3			90.10 MHz	L10	
	4			106.10 kHz	TC3	

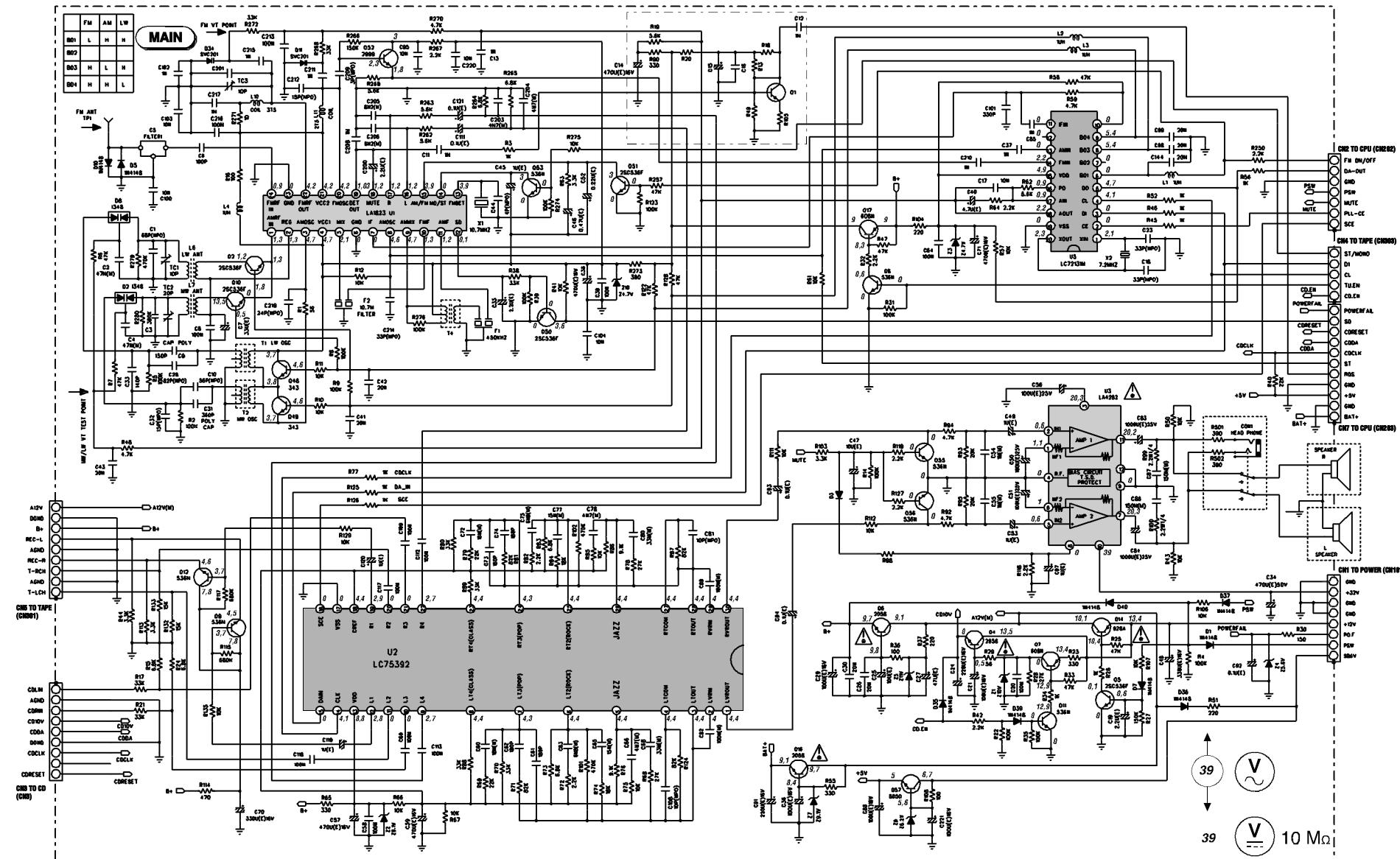
BLOCK DIAGRAM - SCHEMA SYNOPTIQUE - BLOCKSCHALTBILD - SCHEMA A BLOCCHI - ESQUEMA DE BLOQUES



WIRING DIAGRAM - SCHEMA D'INTERCONNEXIONS - VERDRAHTUNGSPLAN - DIAGRAMMA DELLE INTERCONNESSIONI - ESQUEMA DE INTERCONEXIONES

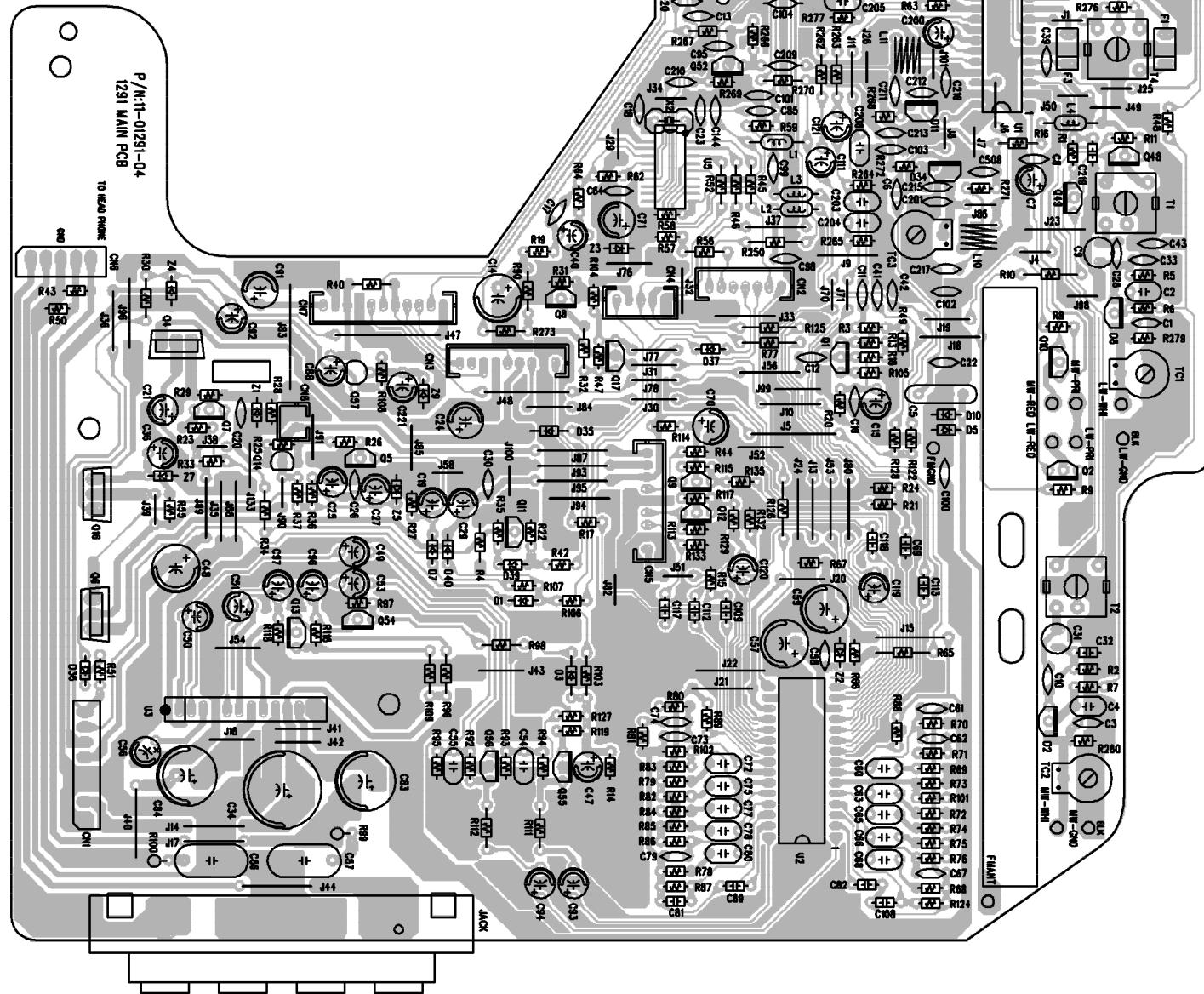


MAIN SCHEMATIC DIAGRAM - SCHEMA DE LA PLATINE PRINCIPALE - SCHALTBILD GRUNDPLATTE - SCHEMA DELLA PIASTRA PRINCIPALE- ESQUEMA DE LA PLATINA PRINCIPAL



**Main P.C.B.
Platine principale
Grundplatte
Plastra principale
Platina principal**

Component side
Côté composants
Bestückungsseite
Lato componenti
Lado componentes



LA 1823

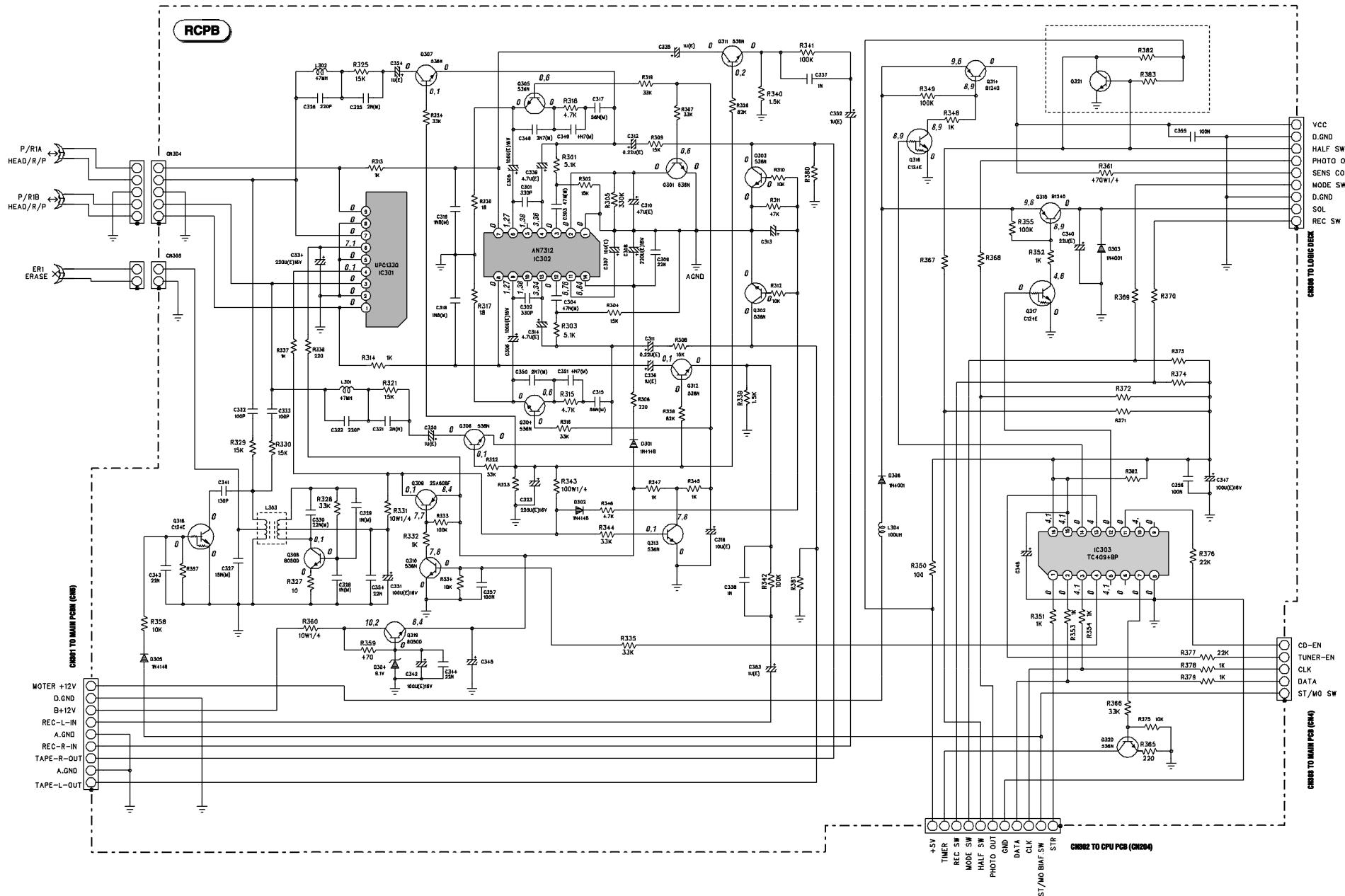
LC75392

LC7231

LA4282

2058Y 2SA608NG
2SC536NF
8050C
KSA928A

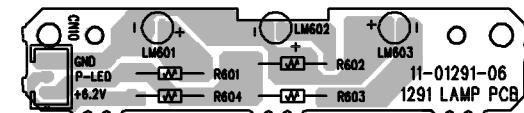
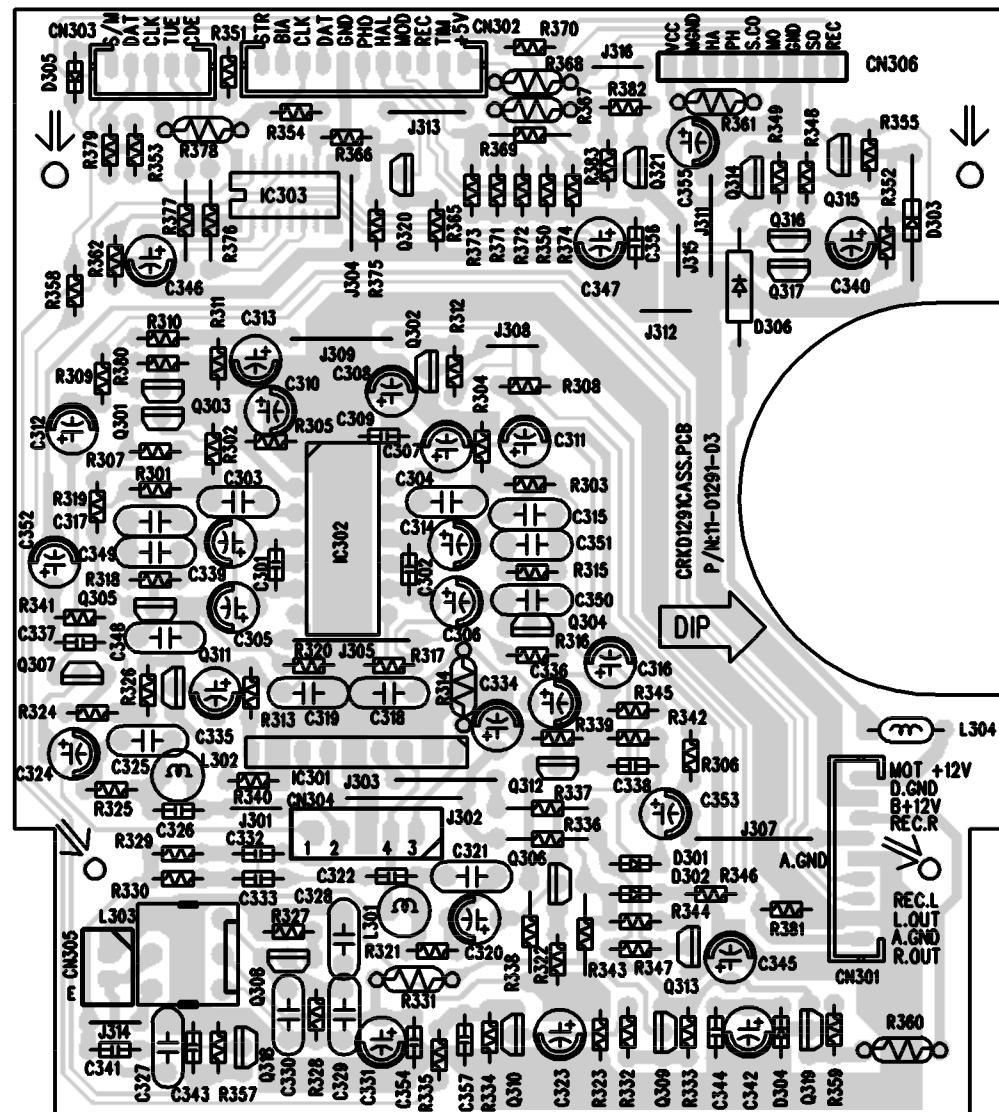
RECORD / PLAYBACK SCHEMATIC DIAGRAM - SCHEMA ENREGISTREMENT / LECTURE - SCHALTBILD AUFNAHME / WIEDERGABE - SCHEMA REGISTRAZIONE / RIPRODUZIONE -
ESQUEMA GRABACIÓN / REPRODUCCIÓN



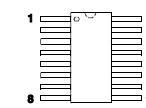
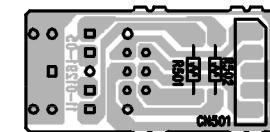
Playback / record P.C.B.
 Platine enregistrement / lecture
 Ltpl. Aufnahme / Wiedergabe
 Plastra registrazione / riproduzione
 Platina grabación / reproducción

Component side
 Côté composants
 Bestückungsseite
 Lato componenti
 Lado componentes

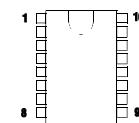
Led P.C.B.
 Platine Led
 Ltpl. Led
 Plastra Led
 Platina Led



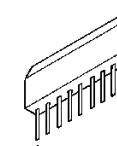
Headphone-jack P.C.B.
 Platine prise-casque
 Kopfhörerbuchse Ltpl.
 Plastra presa per cuffia
 Platina toma auriculares



MC14094

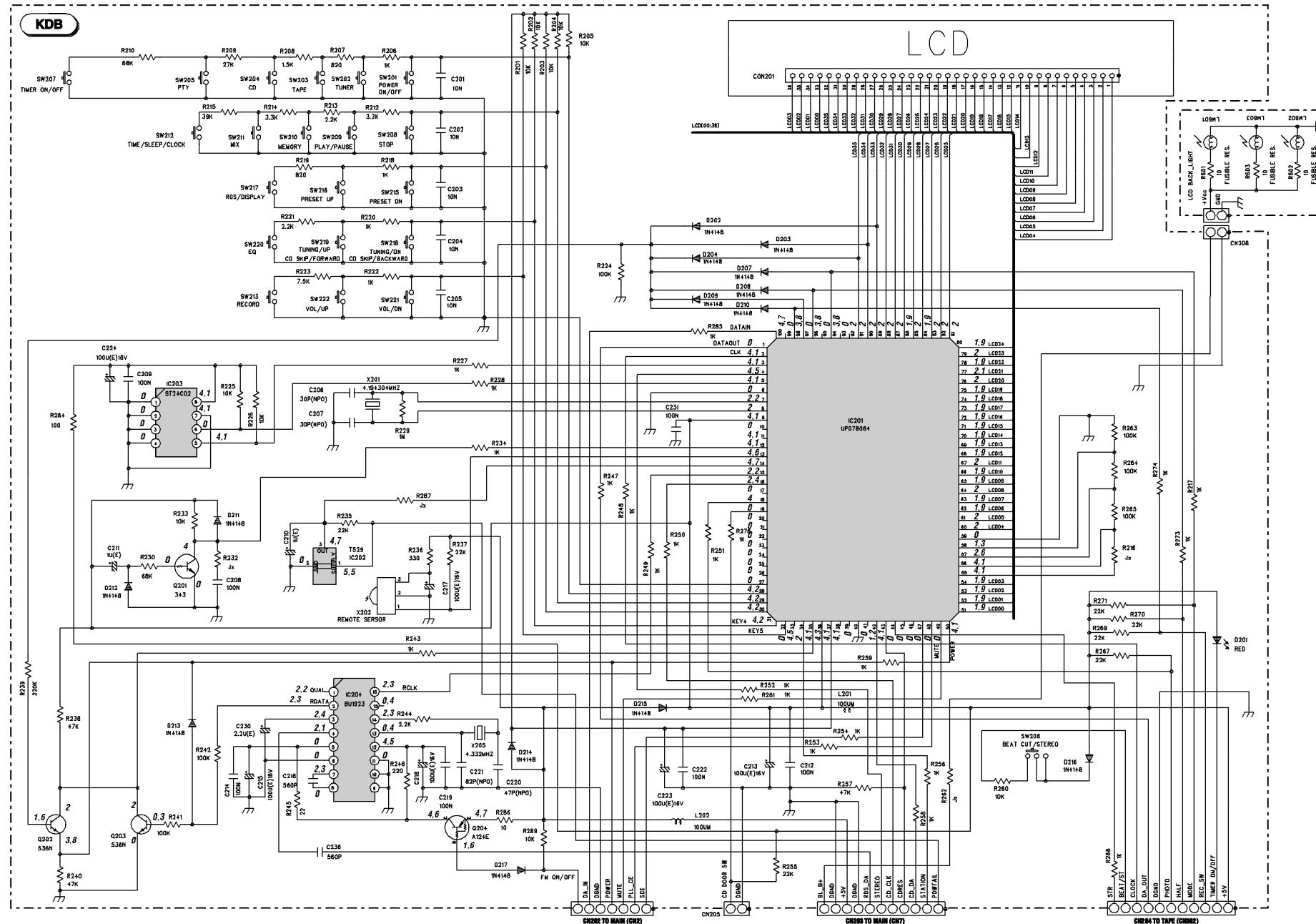


AN7312



UPC1330HA

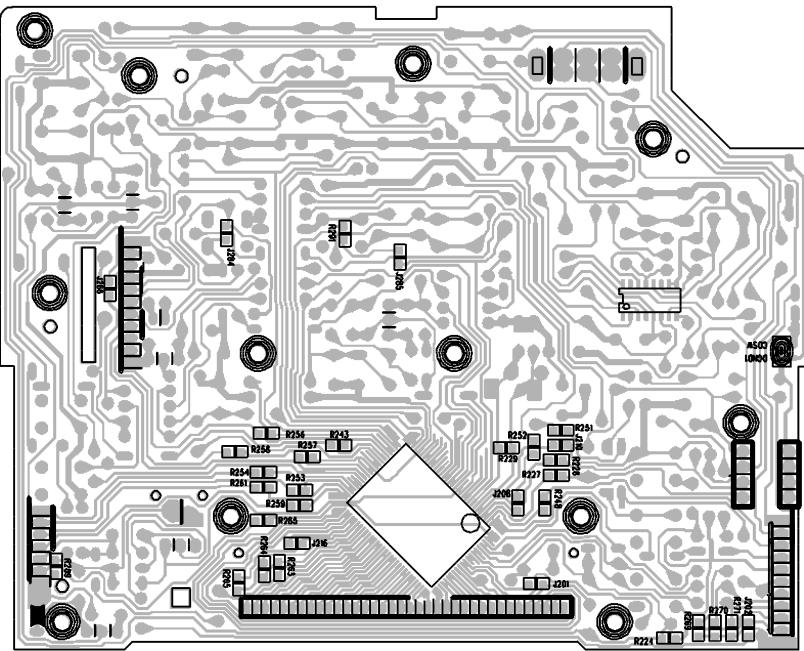
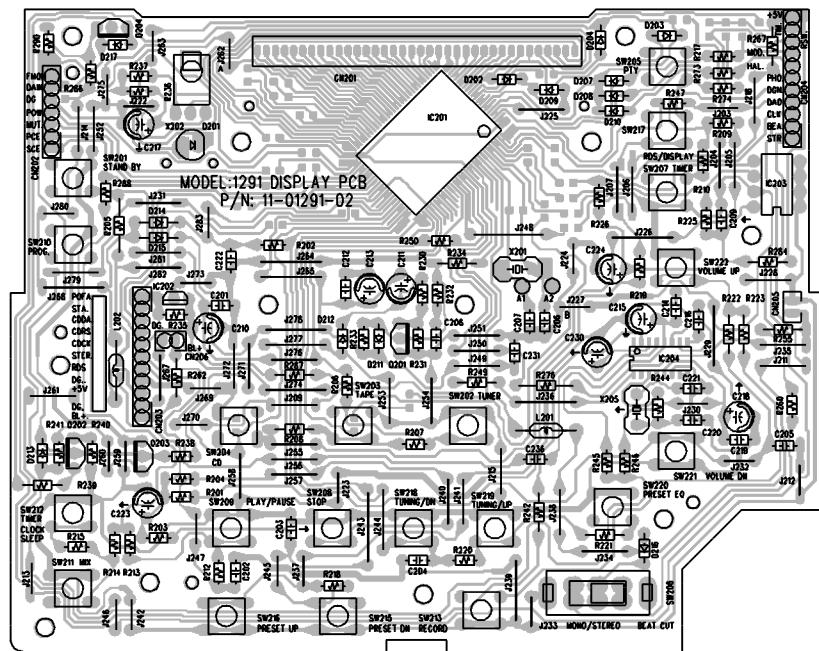
CONTROL / DISPLAY SCHEMATIC DIAGRAM - SCHEMA COMMANDES / AFFICHEUR - SCHALTBILD BEDIENTEIL / ANZEIGE - SCHEMA COMANDI / INDICATORE - ESQUEMA MANDOS / INDICADOR



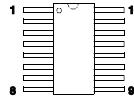
Controls / display P.C.B.
Platine commandes / afficheurs
Ltpi. Bedientell / Anzeige
Piastra comandi / Indicatori
Platina de mandos / Indicadores

Solder side
 Côté cuivre
 Lötsseite
 Lato saldature
 Lado del cobre

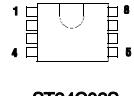
Solder side
 Côté soudure
 Lötsseite
 Lato saldature
 Lado del cobre



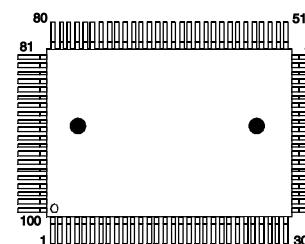
DTC124ES
 2SC2999D
 DTC343S



BU 1923F

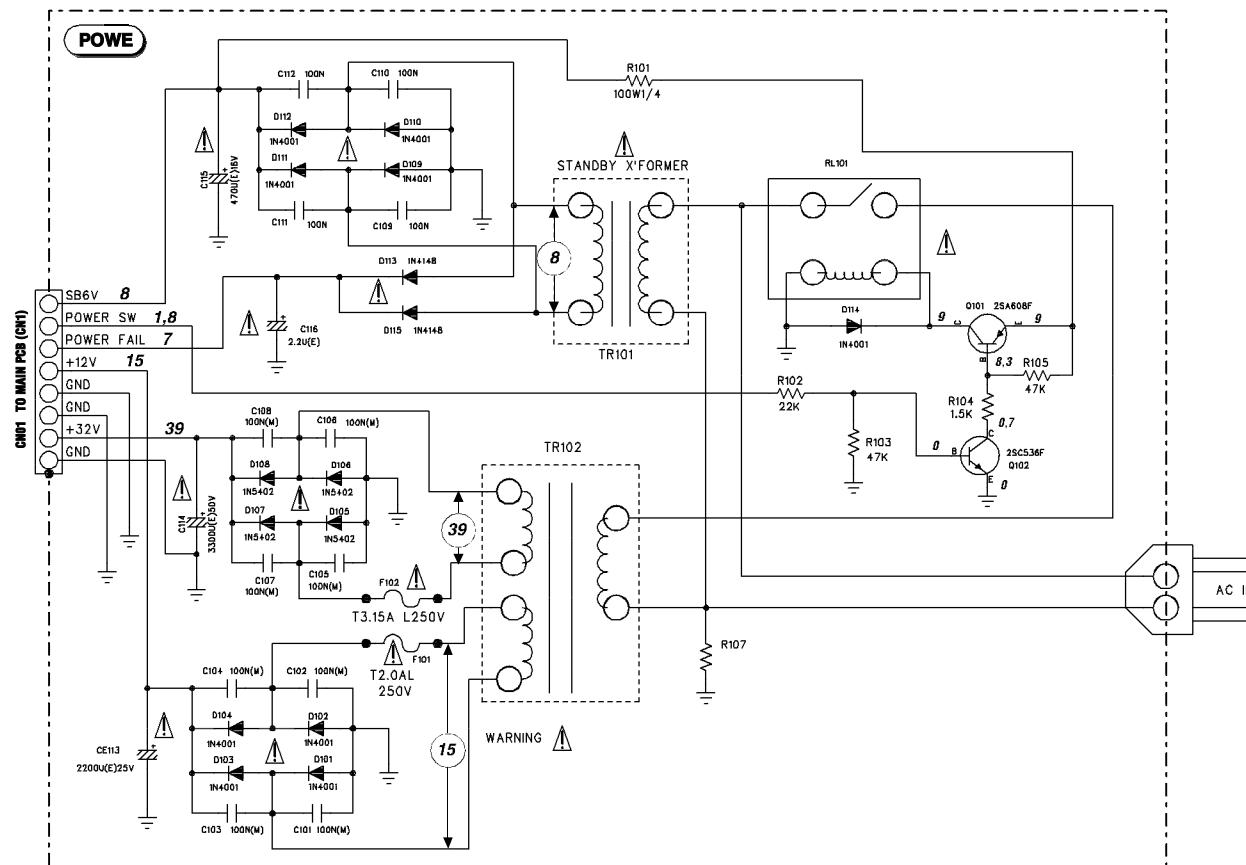


ST24C02S

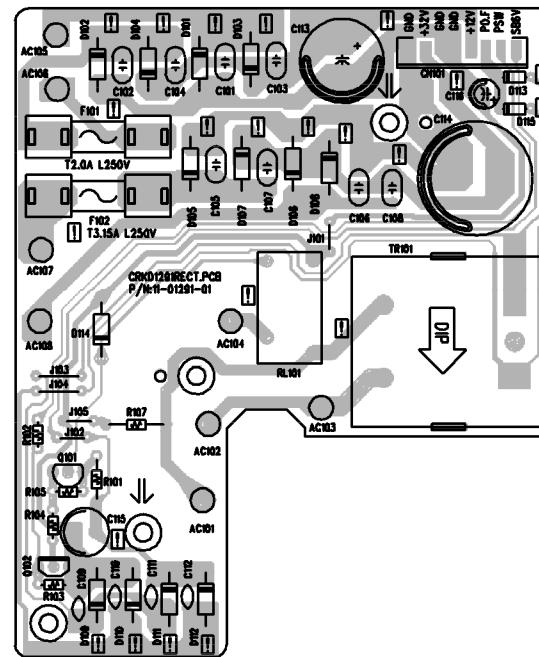


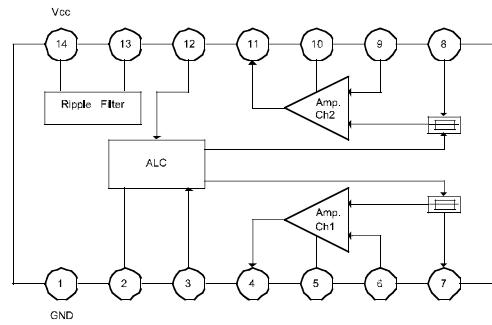
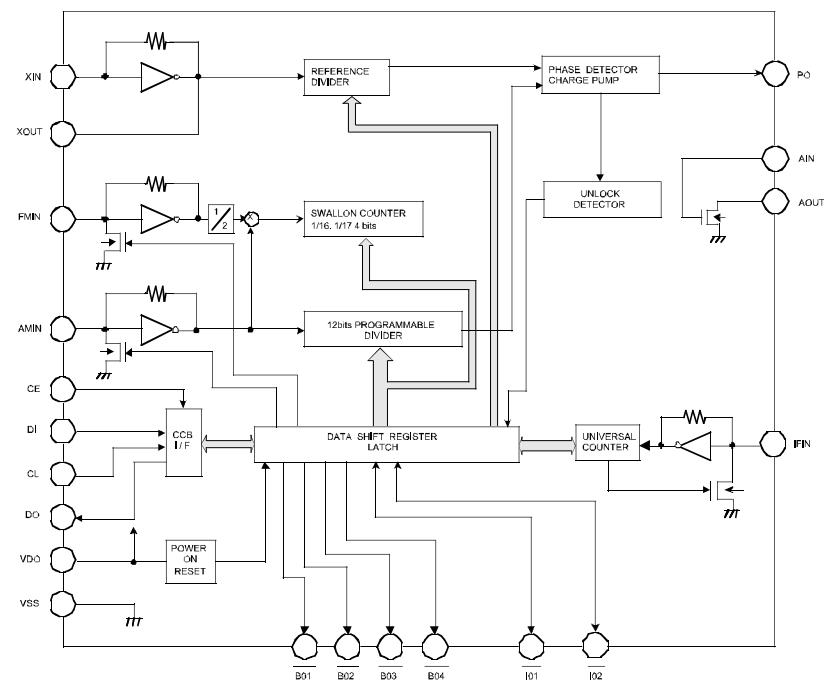
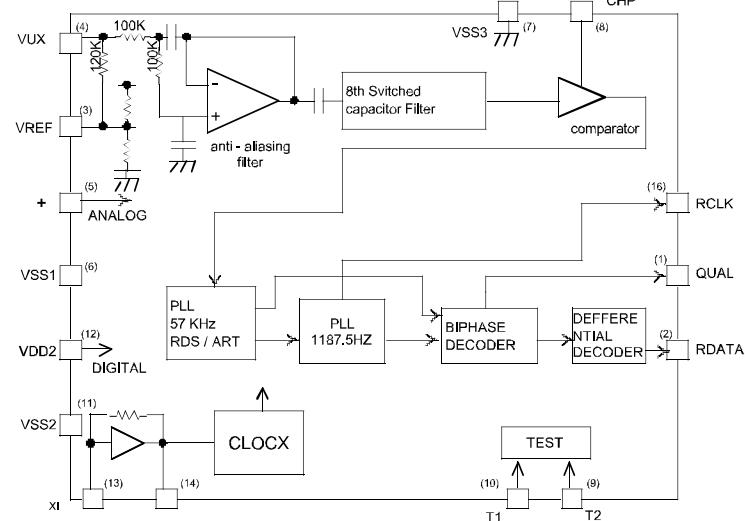
UPD 78P064GF

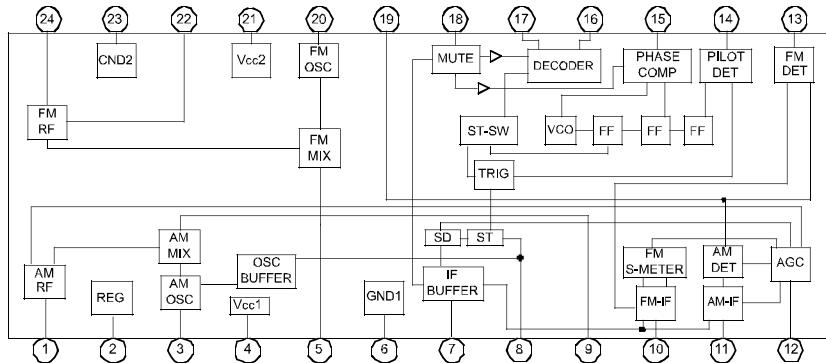
POWER SUPPLY SCHEMATIC DIAGRAM - SCHEMA DE L'ALIMENTATION - SCHALTBILD
NETZTEIL - SCHEMA DELL' ALIMENTAZIONE - ESQUEMA DE LA ALIMENTACIÓN



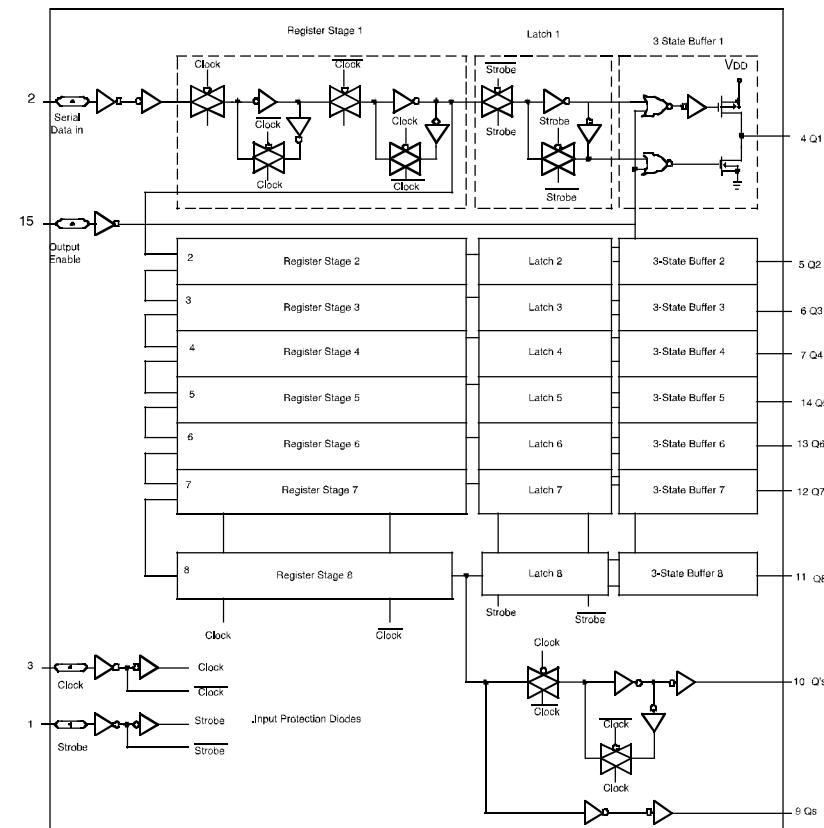
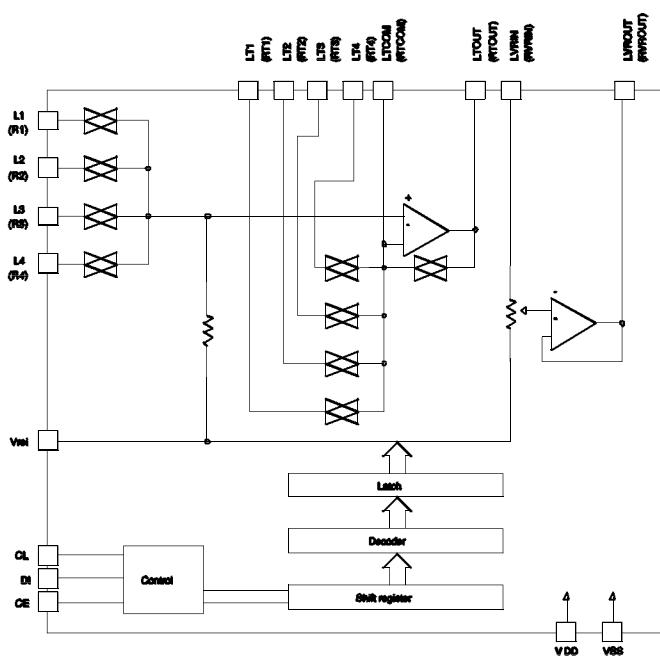
Power supply
Platine alimentation
Ltpl. Netzteil
Piastra alimentazione
Platina alimentación



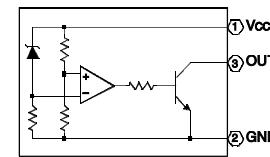
IC302 AN7312**U5 LC72131M****IC204 BU1923F**



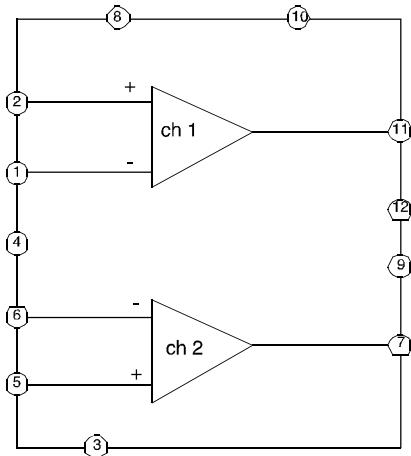
U2 LC 75392



IC 202 PST 529



U3 LA4282



IC 201 UPD78064 GF

